

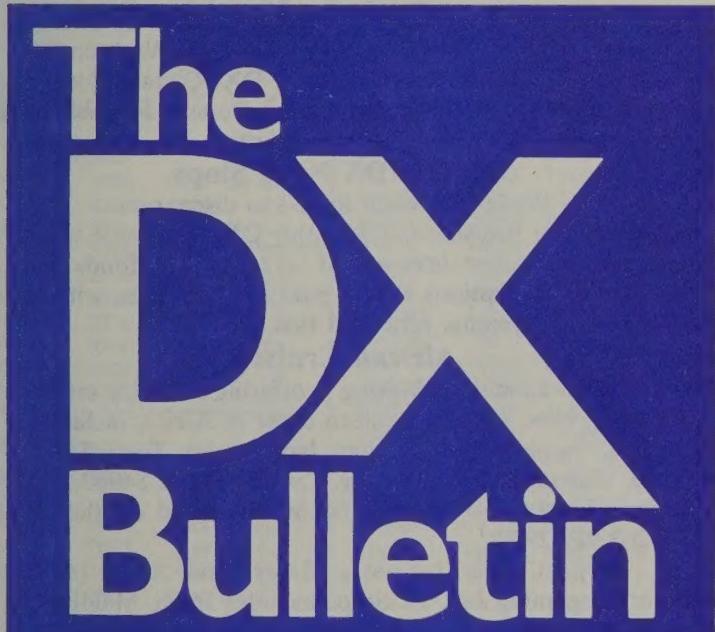
DXpedition News

St. Brandon - 3B7 Jackie has been operating as **3B8CF/3B7** since Sept. 6. Try 14035 kHz at 12-1400Z, 7004 at 0245Z, 18080 kHz at 1630Z, and in lists on 14256 at 0300Z and 21335 kHz at 1700Z. Jackie stated that he would be on the island for one month (until the first week of October); earlier reports suggested a shorter stay. QSL home call.

Bangladesh - S2 Eric Biorck WZ6C is active again as **S21NQ**. He states that the Bangladesh government has voted to approve amateur radio operations, and he expects to get the first license, once final details are worked out in the couple of weeks. Meanwhile he is operating under verbal permission. QSL W4FRU.

Kampuchea - XU Sin Onisawa JA1NUT, JH0FBH, and JH1OJU will operate from Kampuchea Oct. 10-16. Callsign no known yet, but **XU0JA** has been requested. Usual DX frequencies, with emphasis on low bands.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

South Cook Islands - ZK1 Ray Cameron WQ7R will operate as **ZK1XC** Oct. 21-31, including an all-band effort in CQWW SSB. Outside the test, he'll favor CW, including the 15- and 40-meter Novice subbands. K6PBT will act as a mail drop for direct QSLs, as Ray's *Callbook* address is wrong. However, send bureau cards to WQ7R.

Malta - 9H Several members of the Liverpool and District ARS will operate from Gozo Island (EU-023) Sept. 28-Oct. 16; all bands, CW and SSB. QSL **9H3NT** via G3XSN, **9H3NU** via G4CVZ, and **9H3NW** via GW4AMX. G4GEB and G4IHS don't know their 9H3 calls yet.

September 13, 1991

Issue 605

Shortly Noted

- **Gough Island - ZD9**: ZS5AEN (former operator at ZS2MI) arrives on Gough around Sept. 24. It may be a couple of weeks before he is on the air. ([DXpress](#).)
- **Pacific**: Marcel ON4QM will operate from several Pacific locations, beginning mid-month. Stops include Wallis FW, Western Samoa SW, Solomons H44, and Fiji, as **3D2MD**. QSL home call, direct or via the bureau.
- **GU/W6GO** and **GU/K6HHD** will operate from Guernsey (EU-114) Sept. 25-26. Jay and Jan are taking a month off from publishing their QSL Managers List this month, after 138 consecutive monthly issues.
- **FQ9R** is a special-event call Sept. 14-15, aired by F9RM.
- **TV6OR** is another special call, Sept. 28-29 from Or Island, by F6AOI and F6HMJ. ([LNDX](#).)
- **XO3IG** special-event station Sept. 19-22 commemorates the 100th anniversary of the first underwater tunnel between the US and Canada: the St. Clair River Tunnel. Operating will be 1400-2330Z, on 80-10 meters. QSL with SASE (US postage okay) to Lambton County ARC VE3IG, c/o W. Parsons, Box 1001, Petrolia ON N0N 1R0 Canada.
- **ZS6BCR**, who has given out many low-band contacts from southern Africa, would like to finish up his 5BWAS with 80-meter QSOs with ID MS OK WA and ND. He'll be on 3507 kHz at 0400Z the next couple of weeks.
- **Correction**: The Finnish Amateur Radio League corrects the dates of the Scandinavian Activity Contest: CW is Sept. 21-22, and SSB is Sept. 29-29. Watch for OF prefixes.
- **SSB Net check-ins**: **14227 kHz**: VK9ND V85EB P29BT KH0AD VK0CC; **14253** (2230Z) OD5IG 5B4MF TA2DO HH2JO; **21335**: 3B8CF/3B7.
- **Islands On The Air**: **4K4/UA9JO**, **4K4/UA9KT** and **4K4/UA9MCM** will operate from Oleny Island (AS-083) around the middle of October. Oblast 163, five points for the RAEM award; CW and SSB, all bands including the new bands. QSL home calls. **VK4MZ** will be active from Fraser Island (OC-142) the first week in November; QSL **VK4CHB**. **4K3/UA9XBE**, **XCM** and **XLV** are on Vaygach Island (EU-086); QSL to Box 1247, Syktyvkar 167001 USSR. **DK4AP** Rudi is active from Norerney Island (EU-042) until the end of the month. **DL5AEZ** will operate from Helgoland Island (EU-027) Sept. 21-26.
- **RTTY Report**: UL7PCZ will operate the CQWW RTTY test as **UW2F** from Kaliningrad. Spots: **7Z1IS** 21074 ARQ 1100Z; **VU2JSI** 14079 1240Z; P29BT 14073 0920Z; **3D2MP** 14073 0910Z; **C9RKL** 14088 1935Z; **VP8BFH** 14085 2315Z; **EL2FE** 140880700Z; **KG4DD** 14087 1140Z; **EA9JV** 21083 1750Z; **5N0ETP** 14090 2130Z; **TY1PS** 14074 ARQ 2220Z; **OD5NG** 14074 ARQ 0100Z; **BY1QH** 14088 1750Z; **9Q5EE** 21090 1940Z; **9X5LJ** 14071 0140Z; **HS0AC** 21090 0920Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before						
September 1991	Date	Flux A	K	Date	Flux A	K			
13	Low Normal	08/17	271	19/22	3	07/19	178	24/32	5
14	Low Normal	08/18	284	16/22	4	07/20	199	23/32	3
15	Disturbed	08/19	290	36/53	2	07/21	215	20/32	3
16	Disturbed	08/20	286	26/41	3	07/22	223	15/23	2
17	Disturbed	08/21	285	35/44	3	07/23	227	11/14	2
18	Disturbed	08/22	285	31/43	2	07/24	233	07/08	2
19	High Normal	08/23	271	12/19	1	07/25	230	11/13	1
20	High Normal	08/24	250	09/12	3	07/26	220	05/08	1
21	High Normal	08/25	238	13/14	2	07/27	213	05/09	2
22	High Normal	08/26	210	10/12	3	07/28	213	06/09	1
23	Low Normal	08/27	196	20/29	5	07/29	220	08/09	2
24	High Normal	08/28	190	12/16	3	07/30	222	08/11	2
25	High Normal	08/29	195	12/14	3	07/31	219	06/08	1
26	Disturbed	08/30	196	25/39	4	08/01	225	24/23	4

Propagation Watch

The sun continues to be remarkably active, considering that we are well past the peak of Sunspot Cycle 22. In fact, the 13-month smoothed sunspot number for August was fractionally higher than the previous month: 147.3 versus 147.2. This is the third consecutive monthly increase, and shows that there is plenty of life in Cycle 22.

This suggests that DXers can look forward to another year or two of high or intense solar activity, enough to keep the higher bands open on a seasonal basis. While the secondary 'peak' of Cycle 22 will be lower than the original peak of 158.1 in July 1989, it could be close to 150.

The cloud surrounding this silver lining is that solar flare production is higher during the declining part of the solar cycle. This means that DXers will have to contend with more flares, with their accompanying short-wave fadeouts and geomagnetic storms, in the next couple of years.

This past week was a case in point. Solar activity was high, thanks to several active Sunspot Regions. This helped keep 10 and 12 meters open during the day, and led to good long-path openings on 20 meters in the pre-dawn hours. However, some of the active Regions also produced multiple M-class flares, and even a few X-class ones. Region 6818, which rotated to the back side of the sun earlier this week, generated a host of flares, which led to geomagnetic storminess, especially in the higher latitudes, earlier this week. The return of Region 6786 may mean the string of M-class flares will continue to disrupt the bands.

The combination of high solar activity, an active geomagnetic field, and seasonal improvements in the bands have produced good, but not great, propagation for the DXer. The higher bands are usually open during daylight hours, in the direction of the sun. Watch for weak, but workable, secondary openings in the late evening, local time. The 20-meter long path around local dawn continues to delight the early-rising DXer with Asian and Indian Ocean goodies. However, the active geomagnetic field in the polar latitudes means that the DXer should swing the antenna to either side of the pole to find the best signal strength. When the geomagnetic field is quiet, the low bands provide some DX opportunities; check 80 when the K index is 2 or less.

New England DX Convention

The 1991 New England DX Convention and Dinner will be held Saturday, November 9, at the Sheraton Tara Hotel, in Framingham MA (near Boston). The afternoon program begins at 1pm and includes an RTTY update by Roy Gould KT1N, DXCC update by Don Search W3AZD, and a CW pile-up tape. The dinner is at 6pm; dinner speaker is Bob Winn W5KNE, who will present a slide show of a Sable Island DXpedition. W3AZD will check DXCC QSL cards for endorsements, and Jim Dionne K1MEM will head the DXCC countdown, and check QSL cards for Worked All Zone awards.

For more information, contact convention chairman Bill Ewing W1EYT, 14 Dunster Drive, Stow MA 01775; telephone 508-897-0840.

Snake Island DXpedition

The Russian group that has operated 4K5ZI from Snake Island in the Black Sea plans to return to the island for the CQWW tests. However, they need funds to pay for helicopter transportation, as the Black Sea is too rough for small boats that late in the year. Anyone interested in helping this effort should send their donations c/o Paul Soeldner DJ1MH, Schlecker Weg 4, D-4175 Wachtendonk, Germany. The group seeks separate DXCC status for Snake Island, based on its ownership by the Russian Republic, and its separation from Russia by the Ukraine.

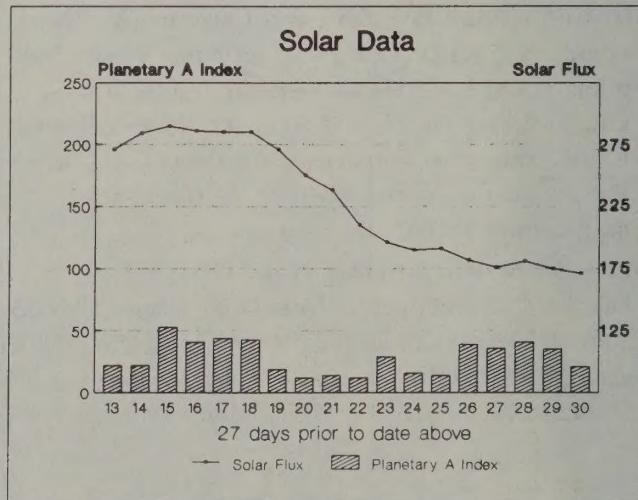
Monthly DX News Stops

Mike Weiler has been forced to discontinue publishing the five-year-old Monthly DX News, due to unforeseen circumstances out of his control. Refunds on remaining subscriptions will be paid in US dollars, with the most recent payments refunded first.

African Cruises

Salen Lindblad Cruising is offering a 24-day cruise beginning Nov. 7 to the western coast of Africa, including Senegal, Gambia, Sierra Leone, Ivory Coast, Togo, Sao Tome, Gabon, and Walvis Bay. Cost begins at \$4900. Contact Lindblad at 333 Ludlow St., Stamford CT 06912, or call 203-967-2900.

Royal Cruise Line has a 13-day cruise to the Indian Ocean, beginning Jan. 13. Stops include India, Maldives, Seychelles, Madagascar, Tanzania, and Kenya. Cost is \$3-6000. Contact your travel agent for details.



B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

RTTY

5N0NSB	14091	2323	30	PA
7Q7LA	14083	1808	5	PA
EL2FE	14090	0727	1	PA
FK8CC	14085	0656	1	PA
GW0LDZ	14090	2101	3	PA
HL9HH	14085	1231	7	FL
RB0HZ	14086	2024	31	FL
TI2MCL	14085	0033	2	PA
TY1PS	14092	2020	31	PA
TY1PS	21082	2315	6	CA
TY1PS	14088	2335	5	CA
XY0RR	14081	1400	7	CA
YS1RJ	21091	2242	31	PA
ZS6BCR	14079	0555	7	CA

80 Meters

CX4SS	3506	2323	26	NS
TA2SA	3504	0330	25	MD
VP2EXX	3502	0103	27	MI
VS6BG	3505	1255	1	CA
ZL4GY	3511	1220	31	MT

75 Meters

FR5DX	3798	0237	30	CA
LU3FA	3798	0226	1	CA
TT8SA	3799	0404	29	CA
VK1AK	3799	1306	29	CA
VK6HE	3795	1310	1	CA
VK7TS	2799	1306	2	CA
VP8CDJ	3799	0228	29	CA
VP8CFM	3790	0228	3	CA
VP8FDL	3798	0235	30	CA
YB6CA	3795	1312	1	CA

40 Meters

3B7/	7004	0245	7	FL
3B8CF	7005	2345	30	AL
4K1AFM	7003	2338	1	FL
HI8A	7003	2359	4	FL
HS0AC	7003	1040	6	FL
LU6EF	7010	0057	3	AL
RC2CW	7004	0053	3	FL
V85AA	7002	1211	23	ID
VP2EXX	7016	0227	26	MI
VP2EXX	7001	1017	31	MI
VP8GAV	7018	0408	1	WY
VS6BG	7004	1055	1	FL
VS6WV	7010	1240	1	WY
YB2UDH	7005	1103	5	FL
YN/	7007	0345	6	PA
SM0OIG	7009	1148	27	AL

30 Meters

4K1ADQ	10101	0010	30	GA
A22GH	10103	0630	1	PA
EA8AB	10103	0555	22	OH
HC5AI	10101	0325	1	GA
HC5AI	10109	1110	2	FL
HF0POL	10105	2351	26	NS
LU7DW	10105	0133	26	AL
RB5GW	10105	0320	1	GA
SV0DV/9	10105	0010	4	GA
VK6HD	10101	0949	2	CT
VP8GAV	10110	0315	1	GA
VP8GAV	10103	1053	1	FL

YS1AG	10101	0444	3	PA
ZP6CW	10104	0808	2	PA

20 Meter CW

3B7/	14035	1229	6	MN
3B8CF	* 14035	1350	7	FL
3B8DB	* 14006	1112	3	GA
3B8FG	14015	0314	30	AZ
3B8FG	* 14015	1200	2	TN
3B8FK	* 14023	1250	1	MN
3B8GA	14010	1203	22	MD
3B9FR	* 14018	1115	3	GA
3B9FR	* 14029	1309	1	FL
3D2AG	14023	1030	30	VA
3DA0BK	* 14018	1418	1	FL
4K1AFM	14019	0325	30	CA
4K1AFM	14021	2216	31	FL
4K2OIL	14006	2350	4	FL
4K2PGO	14027	2305	5	MN
4K3/	14016	1409	30	OH
UA9ZLZ				

20 Meter SSB

3B8FL	14193	1252	28	NH
3B8FU	14220	1140	1	VA
3B8FU	* 14193	1300	28	CA
4S7WP	* 14032	1230	31	CT
5N6/	14218	2114	30	WI
KB5GZI				
6W1PZ	14255	0102	1	MI
9L1US	14173	2305	23	NS
9M8PV	14190	1117	31	VA
A41KJ	* 14237	1301	31	CT
EL2HH	14215	0515	29	CA
FK8CP	14200	1425	29	CA
FR5ZC	* 14195	1246	1	MN
HL9HH	14165	1050	30	VA
HS1BV	* 14267	1222	31	CT
HS1CDX	14020	1432	3	MN
HZ1AB	14187	2309	28	NH
JY3ZH	14252	2030	28	DE
S79KMB	14187	1400	1	CA
TA5L	14224	0144	27	NH
UA0FF	* 14191	0544	1	CA
UZ4FWD	* 14193	1411	31	CA
VP8CFM	14160	2326	28	NH
VP8CGM	14227	0244	3	IL
VP8GAV	14195	0130	30	CA
VQ9KA	14210	1342	30	MI
VU2DVP	14185	1236	2	IL
VU2JJQ	18192	0011	27	NH
VU2JJQ	14168	1150	2	IL
VU2MZK	14192	1224	1	IL

17 Meter CW

5H3RA	18085	1828	30	NH
5W1JU	18070	1417	30	OH
9L1US	18071	2239	3	FL
9M2/	18075	1646	1	PA
VK2DXI				
HC5AI	18071	2125	2	GA
PZ1DV	18075	2325	5	CT
SV0DV/9	18076	2030	1	PA
VP2EXX	18069	1144	26	VA
VS6WV	18079	1747	2	PA
YN/	18071	1559	31	CT
SM0OIG				
ZP6CW	18071	0101	6	PA

17 Meter SSB

HC8GR	18127	2314	5	CT
PZ1DV	18124	0258	30	WI
YB0XX	18155	1315	24	NS
ZD7KT	18130	2214	3	CT
VP8GAV	14016	0207	1	FL

15 Meter CW

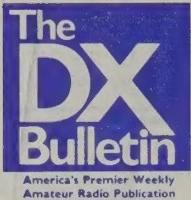
3B9FR	21025	1838	25	WA
4K2OIL	21004	1453	29	NH
5N0SKO	21040	2111	27	WI
7Z1AB	21011	1945	28	DE
9X5HG	21016	0130	28	IL
A22SP	21010	1845	27	NH
A25GH	21021	2136	2	FL
A71ND	21041	1615	7	FL
BY5RA	21027	0052	7	FL
BZ4SAB	21027	0120	28	AL
C31AF	21002	1452	29	NH
EA8AB	21026	1751	31	GA
ES3SM	21015	1400	2	GA
FR5GG	* 21019	1156	30	GA
PZ1AV	21016	1440	2	TN
RJ1J	21016	1158	31	GA
UF7FW	21007	1257	27	NH
UJ1K	21032	1115	29	GA
VP2EXX	21025	1149	30	GA
VP2EXX	21013	2244	29	NH
VQ9IO	21042	1550	2	CA
VQ9RS	21028	1635	1	GA
VQ9RS	21029	2025	1	FL
YC1YMN	21022	1913	2	FL
ZD8LII	21021	0001	31	GA
ZD8LII	21023	1917	18	NH
ZD8LII	21008	2210	28	AL
ZD8WD	21025	2100	2	GA

12 Meters

3X0HNU	24940	1151	24	NS
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10 Meter CW

3X0HNU	28045	1238	25	MD
4K1A	28017	1220	27	NH
7Q7LA	28027	1508	26	NY
A22SG	28022	1715	30	NH
CE0FFD	28009	2049	31	FL
T77C	28020	1240	25	MD
TA3D	28012	1718	7	FL
YN/	28015	1508	25	VA
SM0OIG	28019	1717	7	FL
ZD8LII	28012	2311	30	GA
ZP6CW	28022	1838	2	



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Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Albania	ZA	ZA1A	Sept. 16-Oct.	I604
Angola	D2	D2ACA	Sept. 15-30	I603
Antigua	V2/	AA5AU/G0AZT	Sept. 26-29	I600
Balearic Islands	EA6/	AA5UK	to Sept. 14	I604
Bangladesh	S2	S21NQ	Soon	I605
Glorioso	FR/G		FR5ZU	Sept. I604
Kampuchea	XU	XU0JA?	Oct. 10-16	I605
Madagascar	5R	5R8AL	Sept. 15-Oct. 15	I602
Malta	9H	9H3s	Sept. 28-Oct. 16	I605
Micronesia	V63	WW,AR,AX	Sept. 13-15	I600
		V63YL	Now-one year	I603
		V63DL/CJ	14210± 06-1100Z	I603
Montserrat		VP2M/AA5AU,G0AZT	Sept. 30-Oct. 7	
Mozambique	C9	C9RTC	Now-Sept.	I598
St. Brandon	3B7/3B8CF		to Oct. 5	I605
San Felix	CE0X	XQ0X	Oct.	I602
South Africa	ZS	ZS6JR	Sept.	I601
South Cook Islands	ZK1XC		Oct. 21-31	I605
Togo	5V	5V7JG	Now-Dec.	I596
Turks and Caicos	VP5	VEP/VEQ	Sept. 11-19	I603

Operating Events and DX Gatherings

Dates	Event	Reference:
Sept. 14-15	Worked All Europe Phone	CQ
Sept. 21-22	Scandinavian Activity CW	CQ
Sept. 28-29	Scandinavian Activity SSB	CQ
Sept. 28-29	CQWW RTTY test	CQ
Sept. 30	DXCC Annual Listing Deadline	QST
Oct. 5-6	California QSO Party	Sept. DX Mag
Oct. 12-13	VK/ZL/Oceania CW Contest	CQ
Oct. 26-27	CQWW SSB Contest	CQ
Nov. 9	New England DX Convention	I605

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AC8W, DXNS, DXPress, G4CVZ, HA1AG, Japan DX News, K1HDO, K1VWL, K4BAI, K4IQJ, K4LNA, K5MK, K8CV, KA7T, (more)

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
■ Antarctica	VP8GAV	14020±	02-0300Z
■ Ascension Island	ZD8WD	14024	2240Z
■ Crete	SV0DV/9	10103	0000Z
■ Crozet island	FT4WC	14002	1145Z+
■ Georgia	UF7FWW	14014	0100Z
■ Georgia	UF7FWW	15M CW	1300Z
■ Guinea	3X0HNU	10M CW	1240Z
■ Guinea	3X0HNU	7008±	2345Z+
■ Hong Kong	VS6UW	14017±	1045Z
■ India	VU2NI	14010±	1100Z
■ Kazakhstan	RL7FHV	14025±	01Z Thurs.
■ Malaysia	9M2AX	14026	1045-11Z
■ Mauritius Island	3B8DB	14010±	1100Z
■ Mauritius Island	3B8FG	14020	03, 1200Z
■ New Caledonia	FK8FG	20M CW	1000Z
■ Paraguay	ZP6CW	18071	01Z Fri.
■ Reunion Island	FR5DD	14010±	1230Z
■ Reunion Island	FR5GG	21020	12-1500Z
■ Reunion Island	FR5BT	14007	11300Z
■ Rwanda	9X5HG	21010±	0130Z
■ Saudi Arabia	HZ1AB	14025	12-1300Z
■ Singapore	9V1JY	14028	10-1400Z
■ South Shetlands	4K1ADQ	10103±	0000Z
■ Sri Lanka	4S7WP	14003	0030-01Z
■ Sri Lanka	4S7WP	20M CW	11-1200Z
■ Suriname	PZ1AV	21015±	1445Z
■ Thailand	HS0AC	14024	10-1300Z
■ Thailand	HS0AC	7003	1045Z weekends

Contributors, continued:

K0CVD, KE7X, KG4O, KJ6RQ, KN4FY, KQ3S, KR7L, KT7H, LNDX, MDXN, N2GLH, N2KK, N9LAG, NW3Y, SARL, UA9MCM, VE1YX, W1BFT, W1EYT, W4FRU, W4GLU, W4VQ, W6BJI, W6GO, W6JOX, W6TSQ, W6UQF, W7AYY, W7ZRC, W8CT, W8MEP, W9HAO, W9RXJ, WA2VKS, WA6HXM, WA9AQE, WA0RJY, WB3AVN, WB8SFF, WB8YJF, WD9GGY, WO6R, WQ7R, WS7W, WY2V, and W0ZV. Many Thanks!